

FILE NOTATIONS

Entered in NID File ☒
 Entered On S-R Sheet _____
 Location Map Pinned _____
 Card Indexed ☒
 IWR for State or Fee Land _____

Checked by Chief _____
 Copy NID to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 12/12/77
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA ☒

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log ☒
 Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic _____ Others _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-24184	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Supron Energy Corporation		7. UNIT AGREEMENT NAME Jug Rock	
3. ADDRESS OF OPERATOR Suite 1700, 8350 N. Central Expressway, Dallas, Texas/		8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NW 1/4 SE 1/4, Sec. 27, T25S, R19E, S.L.M. At proposed prod. zone 2135' from E-line & 2135' from S-line		9. WELL NO. Husky-J.R. Unit #1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Approx. 15 miles west of Moab, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2135'		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA NW. SE. Sec. 27-25S-19E S.L.M.	
16. NO. OF ACRES IN LEASE 160 acres		12. COUNTY OR PARISH Grand	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160 acres		13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 220' from well (D&A)		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 7500'		22. APPROX. DATE WORK WILL START Aug. 15, 1977	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5752' grd.; 5763' K.B.			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65.00#	40 ft.	45 sks.
13-5/8"	10-3/4"	40.50	550 ft.	210 sks.

It is planned to drill a well at the above location to test the oil & gas production potential of the Paradox and Mississippian formations at depths of 7200' and 7500'. The well will be drilled with rotary tools, using mud for circulation. Approx. 40 ft. of 16" casing will be set and thoroughly cemented at the surface for a conductor pipe. A 13-5/8" hole will then be drilled to a depth of about 550' which would be thru the massive sandstones in the Entrada, Navajo, and Wingate formations. Casing, 10-3/4" will then be set and thoroughly cemented with returns to the surface. This will seal off the sands which would cause loss-circulation problems. A casing head, and blowout preventer will be installed on the 10-3/4" casing. Fill and kill lines will be run and connected below the blind rams of the blowout preventer. An 8-3/4" hole will be drilled below the 10-3/4" casing. Another string of 7" casing can be run, if necessary. In the event of production 5 1/2" casing can be run to protect the pay zones.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED H. Don Gingley TITLE Cons. Geol. DATE July 7, 1977

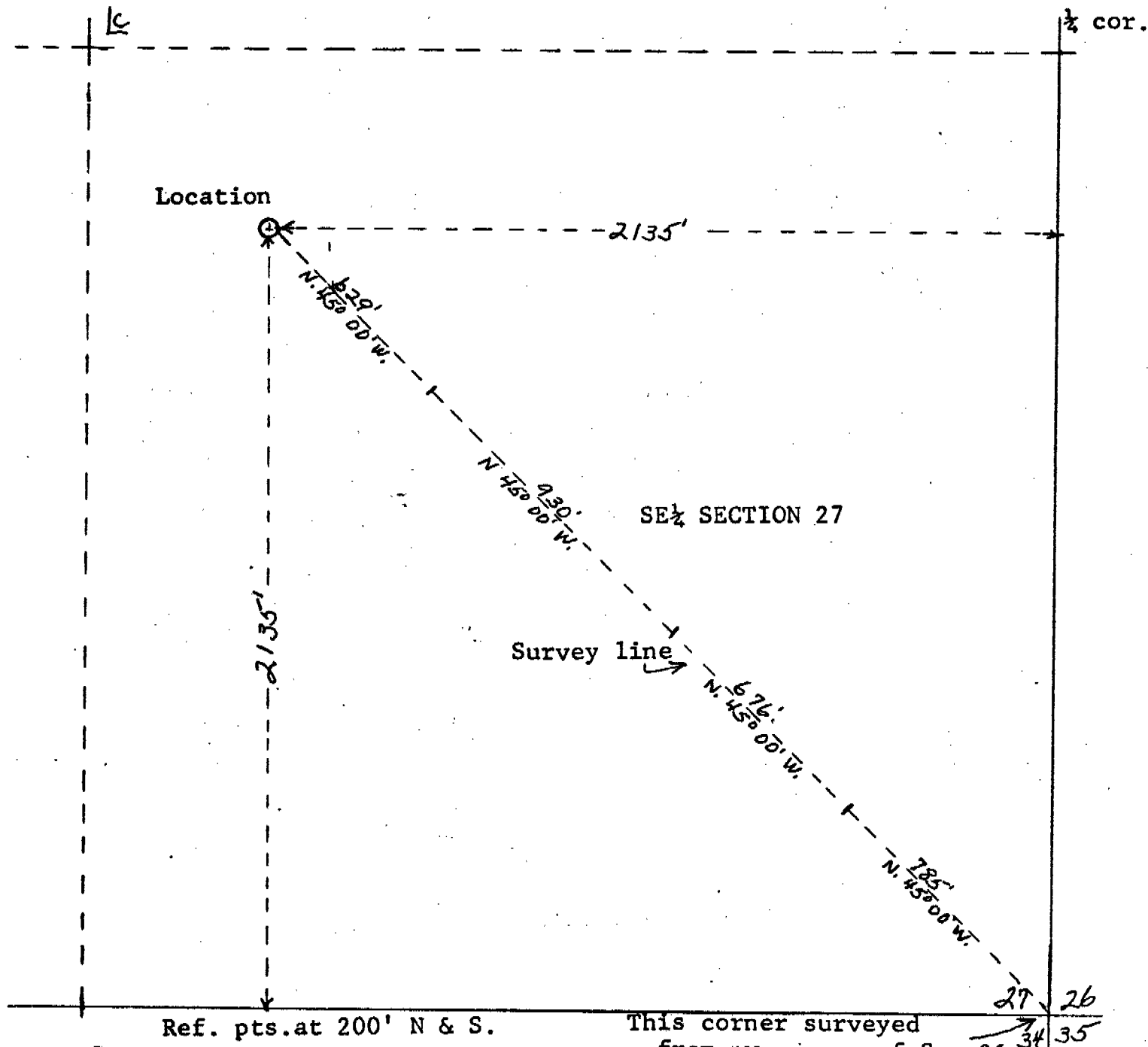
(This space for Federal or State office use)

PERMIT NO. 43-019-38319 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

LOCATION PLAT FOR
SUPRON--HUSKY J.R. UNIT #1
NW.SE.SEC.27-25S-19E
GRAND COUNTY, UTAH
Elev.: 5752'grd.

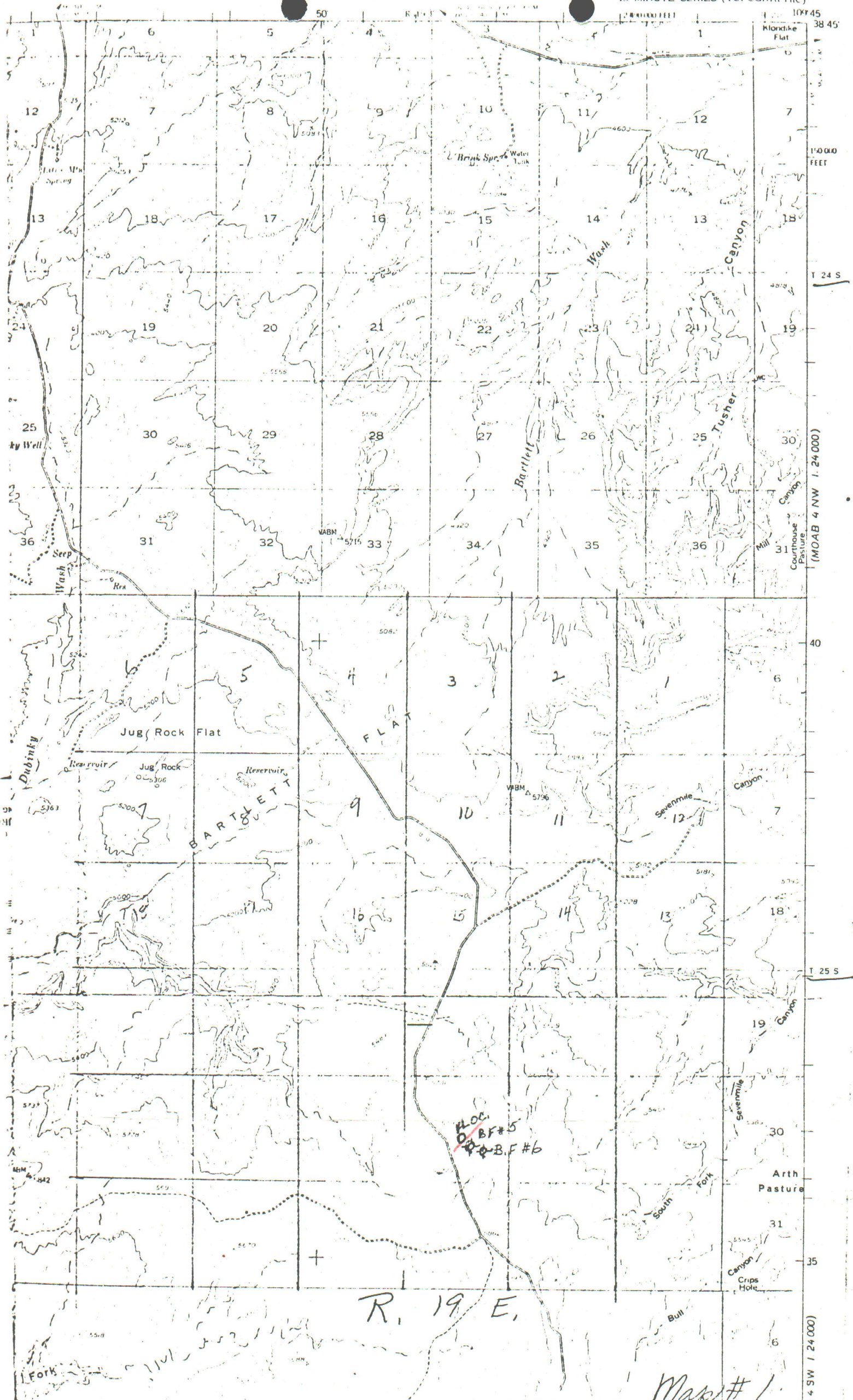


Ref. pts. at 200' N & S.
I, W. Don Quigley, do hereby
certify that this plat was plotted
from notes of a field survey made
by me on June 28, 1977.

W. Don Quigley
W. Don Quigley

This corner surveyed
from nw corner of Sec. 36
Scale: 1 in. = 400 ft.
Date: July 7, 1977
Surveyed by: W. Don Quigley

PLAT NO. 1



T 24 S

(MOAB 4 NW 1:24,000)

40

T 25 S

35

(MOAB 4 SW 1:24,000)

R. 19 E.

Map #1

PROGNOSIS OF WELL
HUSKY-J.R.UNIT #1 WELL
NW.SE.SEC.27-25S-19E
GRAND COUNTY,UTAH

7/7/77

Operator: Supron Energy Corporation
Suite 1700, Campbell Centre,8350 N. Central Expressway,
Dallas, Texas 75206

Contractor: Not selected to date

Location: NW.SE.Sec.27,T25S,R19E,S.L.M.,Grand County, Utah
2135'from E-line & 2135'from S-line. *Bear-Ht Flat*
Location is 220' northwest of the previous ~~Big Flat~~ #5 well.

1. It is planned to drill a shallow hole, 20" in diameter, to a depth of about 40 ft. and set a conductor pipe, one joint of 16" casing, and cement it thoroughly. A drilling nipple can then be installed on this for drilling ahead until the surface casing is set.
2. A 13-5/8" or 14 1/2" hole will then be drilled with water and mud for circulation down to about 550' and thru the Wingate formation. This will seal off the massive porous sands which often cause loss-circulation problems at a later date when the mud weight gets higher. The surface casing, 10-3/4", will then be set and cemented with returns to the surface. This should take about 210 sks. of cement.
3. An 8-3/4" hole will then be drilled below the surface casing. A gas detector will be put on the mud stream at this point. All hydrocarbon shows will be tested when they are penetrated. The mud weight will be kept at about 9.5 to 10#/gal., unless there is indication that a heavier weight is required. In the event a good productive zone is encountered in the Paradox section, prior to reaching total depth; it may be desirable to run an intermediate string of 7" casing to protect the zone. Because of the toxic effect that cement has on the productive zones in the Paradox, it will be necessary to cement the casing above and below the zone, and not thru it.
4. Anticipated formations with their tops, thicknesses and datum points which will be encountered in the subject well are as follows;

<u>Formation</u>	<u>Depth to top</u>	<u>Thickness</u>	<u>Datum</u>
Navajo	Surface	220'	5763' K.B.
Wingate	220'	260'	5543'
Chinle	480'	400'	5283'
Shinarump	880'	50'	4883'

Moenkopi	930'	500'	4833'
Cutler	1430'	770'	4333'
Rico	2200'	450'	3563'
Hermosa	2650'	1380'	3113'
Paradox Salt*	4030'	3160'	1733'
Pinkerton Trail*	7190'	210'	-1427'
Missippian*	7400'		-1637'
Total Depth	7650' ?		

* Most favorable hydrocarbon formations.

5. After reaching total depth the well will be logged and thoroughly evaluated. If there have been favorable productive zones indicated by the data and have been supported by tests; then casing, 5½", will be run and cemented, with care being taken not to damage the zones by the cement.
6. At a depth of about 3500', the mud will be changed over to a salt base mud and brine water to minimize the dissolving of the salt. The mud weight will then be raised to 10.50 to 11#/gal.
7. It is anticipated that the subject well will take about 45 days to drill.

W. Don Quigley
W. Don Quigley

LOCATION PLANS FOR
SUPRON -- HUSKY J.R. UNIT #1
NW. SE. SEC. 27-25S-19E
GRAND COUNTY, UTAH

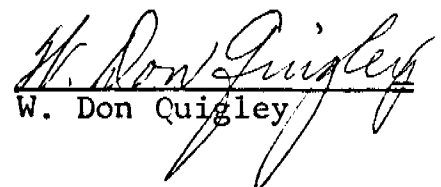
1. Location: A survey plat showing the location of the proposed well site is attached, (See Plat No.1). Map No.1 shows the location of the site in relation to existing roads and to the previous Big Flat No.5 well which has been plugged and abandoned. The proposed well site is really on the same pad as the previous well. The site will have to be expanded some and the pits dug; but the amount of dozing work will be very small. The site is on nearly flat ground and no cuts or fills will be required. The surface has sage brush and some grass. The rocks at the surface are sandstones and shales belonging to the Navajo formation.
2. Planned Access Roads: See Map No.1. No new access road is needed. The road to the previous location can be used. No new cuts, fills, culverts, or grading will be required.
3. Location of Existing Wells: See attached map. The proposed well is about 220' feet northwest of the previous Big Flat #5 well. Another well, the Big Flat #6, was drilled by Calvert Western and plugged and abandoned.
4. Location of Production Equipment: A plan for the anticipated production equipment, if the well is successful, is submitted on Plat No.2. The flow lines will be buried and the tank battery will be set on a 1' thick gravel pad. The water, if any, from the heater-treater will be disposed of initially in the fenced reserve pit. If the amount is appreciable and continuous, it will be injected into one of the adjacent wells into a different formation or will be put into a tank and hauled away.
5. Water Supply: Water for drilling operations will be hauled to the location by truck from a spring in Sevenmile Canyon, if it is flowing in sufficient volume. If not, the water will have to be hauled from the Colorado River at Moab which would be about 16 miles from the location.
6. Road Material: No road material will be needed. The location is about 1000' from the surfaced road to Dead Horse Point and the present access road is graded and in good shape.
7. Waste Material: An unlined reserve pit and burn pit will be constructed at the well site as shown on Plat #3. All excess water, mud, and drill cuttings will be deposited into the reserve pit. Burnable material and garbage will be put into the burn pit which

e

will be fenced with chicken wire to prevent spr^eading of debris by the wind. Both pits will be folded-in and covered as soon as feasible after cessation of drilling operations. Since there will be considerable fluid in the reserve pit, it will take some time for evaporation; and the pit will be fenced to secure the pit during this period.

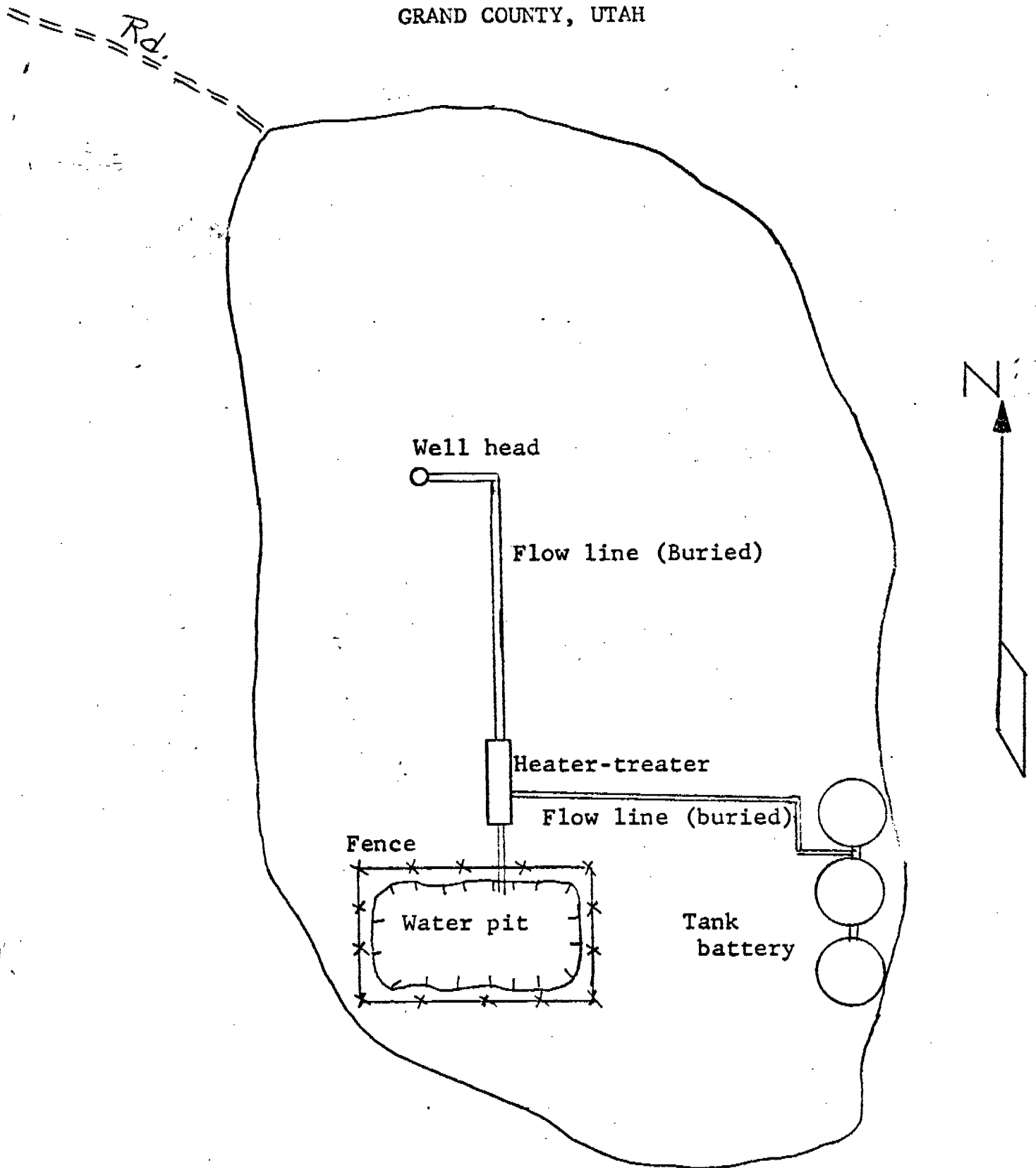
8. Camp Facilities; and Airstrips: Only trailer houses for the supervisory personnel will be required at the drill site. It is not anticipated ~~that there~~ will be any need for an airstrip.
9. Well Site Layout: A plan for the drilling equipment layout required for the drilling operations is submitted on Plat No.3. The approximate dimensions of the drill site and reserve pit are shown. The drill site is nearly flat and will require no big cuts or fills. The pits will be unlined natural pits with four to five-ft. banks. Sandstone rocks are near or at the surface and there is very little top soil.
10. Restoration: After drilling operations have been concluded and the equipment removed, and if the well is not successful, the well site will be cleaned, levelled, and graded. Grass seed will be planted and covered. If the well is successful, the site will be prepared for the placement of the production equipment. In the event the reserve pit is full of mud and water, it will be fenced and allowed to evaporate prior to folding-in and levelling.
11. Land Description: See items 1 and 9 above.
12. Representative: The operator's representative at the well site will be an engineer or geologist employed by the company. The drilling contractor has not been selected to date.
13. Certification: I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access road; that I am familiar with the conditions which presently exist; that statements made in this plan, are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed will be performed by competent contractors and personnel engaged by Supron in conformity with this plan and terms and conditions under which it is approved.

Date: July 7, 1977


W. Don Quigley

PLAN FOR PRODUCTION EQUIPMENT

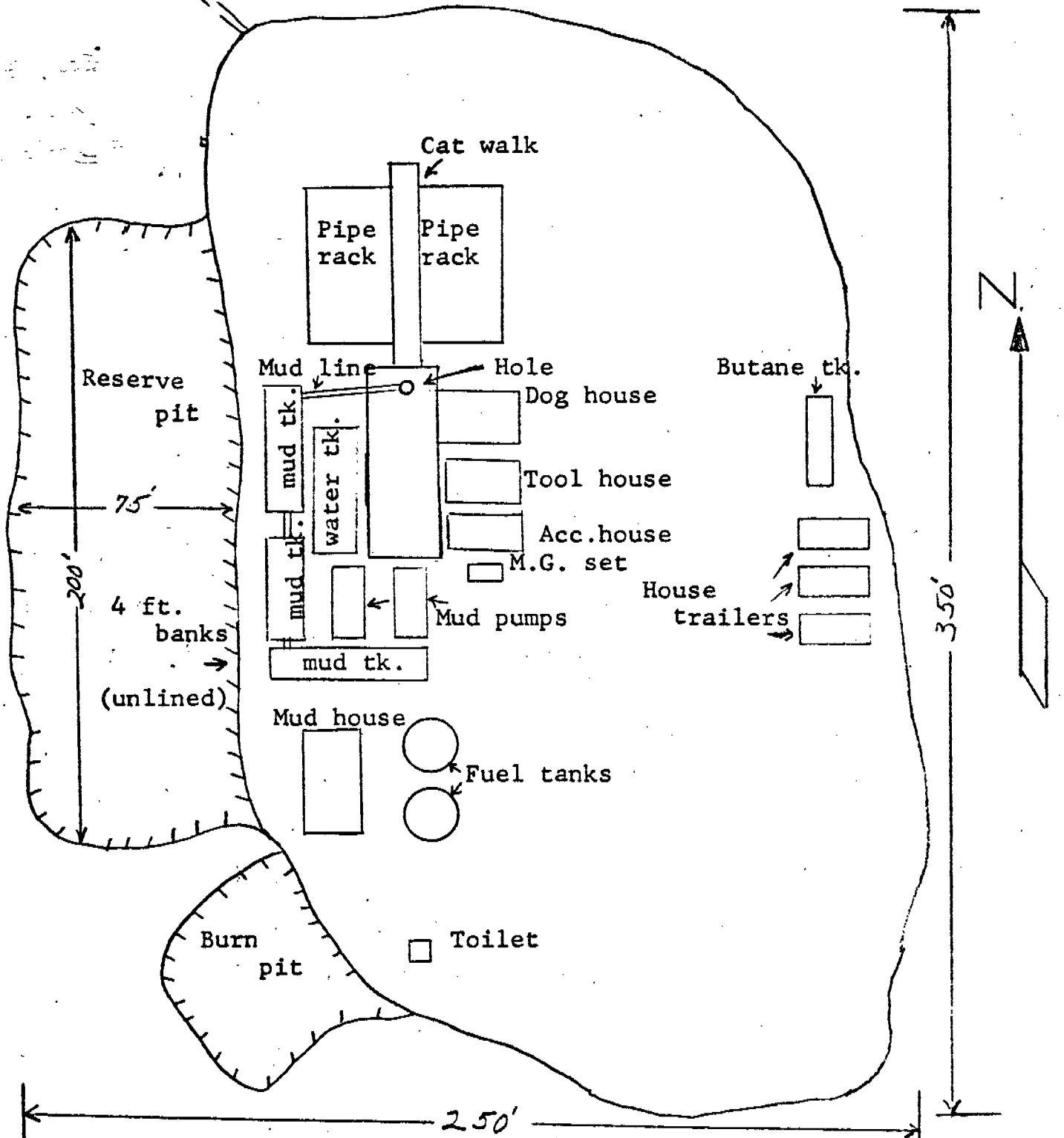
SUPRON --HUSKY J.R. UN #1
NW.SE.SEC.27-25S-19E
GRAND COUNTY, UTAH



Approx. scale: 1 in. = 50 ft.

Plat #2

DRILLING EQUIPMENT LAYOUT
FOR
SUPRON --HUSKY J.R. UN #1
NW.SE.SEC.27-25S-19E
GRAND COUNTY, UTAH



Approx. scale: 1 in. = 50 ft.

WELL CONTROL EQUIPMENT
FOR
SUPRON --HUSKY J.R. UNIT #1
NW.SE.SEC.27-25S-19E
GRAND COUNTY, UTAH

(See attached diagram)

1. Surface Casing:

- A. Hole size for surface casing is 13-5/8" or 14 1/2"
- B. Setting depth for surface casing is approx. 550 ft.
- C. Casing specs. are: 10 3/4" O.D., H-40, 40.50#, STC
- D. Anticipated pressure at setting depth is approx. 60#.
- E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 210 sks of cement with returns to the surface.
- F. Top of casing will be about 18" below ground level.

2. Casing Head:

- F. Flange size: 10; API pressure rating: 3000# W.P.; Series 900; Cameron, OCT, or equivalent; new or used; equipped with two 2" ports with high pressure nipples and 3000# W.P. ball valves.

3. Intermediate Casing: Probably none.

4. Blowout Preventer:

- A. Double rams, hydraulic, one set of blind rams and one set of pipe rams for 4 1/2" drill pipe; 10" flange, 3000# W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down. Initially rams will be pressure tested for not less than 2000# for leaks and will be checked and closed once a day while drilling operations are underway.
- B. Fill and kill lines (2" tubing or heavy duty line pipe) with manifold are to be connected to the 2" valves on the casing head.

5. Auxilliary Equipment:

A float valve is to be used in the bottom drill collar at all times. The standpipe valve will be kept in good working condition, and a safety valve that can be stabbed into the top of the drill pipe or drill collars will be kept on the derrick floor in a handy position at all times.

6. Anticipated Pressures:

The shut-in pressures of the potential pay zones anticipated in the Shinarump, Hermosa, Pinkerton Trail, And Mississippian formations are as follows:

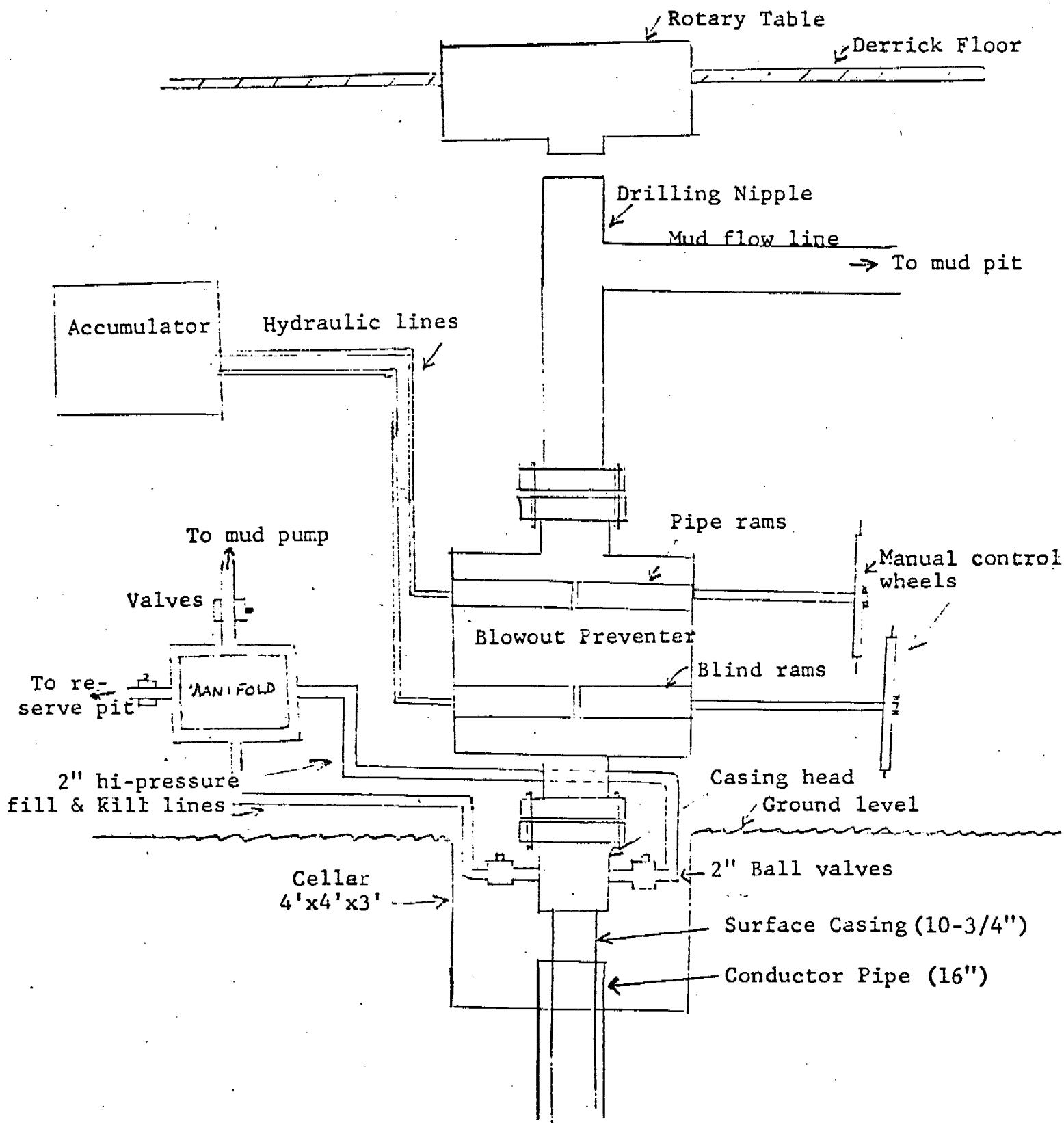
Shinarump	-----900'	-----400#
Hermosa	-----2650'	-----1000#
Paradox Salt	-----6500'	-----2500#
Pinkerton Trail	-----7200'	-----2650# *
Mississippian	-----7400'	-----2700# *

*This pressure is based on DST data from wells in the area

- down to the top of the salt, and then will be converted to salt base mud using brine water,
7. Drilling Fluids:
Normal fresh water mud with gel and chemicals will be used for circulation. The mud weight will be kept at about 9-10 lbs./gal.; and the viscosity will be kept around 35-50 and the water loss kept below 6 cc., if possible. This weight and associated hydrostatic pressure should keep the well under control. No abnormal pressures are known in the area, nor has there been any indication of sour gas in the nearby wells.
8. Production Casing:
- A. Hole size for the production casing will be 8 3/4"
 - B. Approx. setting depth will be about 7500'.
 - C. Casing specs. are: 4000' of 5 1/2" O.D., 17.00#, N-80 casing, and 3500' of 5 1/2" O.D., 15.50#, J-55 casing with guide shoe and float collar and about ten centralizers at the proper places, cemented with 400 sks of regular, type G cement with 10% salt.
 - D. The anticipated pressure at setting depth should not be greater than 3000#.

W. Don Quigley
W. Don Quigley

SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR THE
SUPRON--HUSKY J.R. UNIT #1
NW. SE. SEC. 27-25S-19E
GRAND COUNTY, UTAH



STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: July 13 -
Operator: Capton Energy Corp. (Husky Oil Co.) ^{Re-entered:}
Well No: Husky - J.L. Unit #1
Location: Sec. 24 T. 25S R. 19E County: Grand

File Prepared

☒

Entered on N.I.D.

☒

Card Indexed

☒

Completion Sheet

☒

CHECKED BY:

Administrative Assistant

Aw

Remarks:

No other well in township

Petroleum Engineer

Remarks:

ok Pct

C Bartlett
Flat

Director

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required

OK

Survey Plat Required

☐

Order No.

☐

Surface Casing Change

☐

to

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3

☒

O.K. In

Unit ☐

Other:

Need copy of
Unit Agreement

Letter Written/Approved

July 15, 1977

Supron Energy Corporation
8350 N. Central Expressway
Dallas, Texas 75206

Re: Well No. Husky J.R. Unit #1
Sec. 27, T. 25 S, R. 19 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the rig number and drilling contractor be identified.

The API number assigned to this well is 43-019-30379.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

SUPRON ENERGY CORPORATION

SUITE 1700, CAMPBELL CENTRE
8350 NORTH CENTRAL EXPRESSWAY
DALLAS, TEXAS 75206

G. BJERKE
LEASE RECORDS SUPERVISOR

TELEPHONE (214) 691-9141
TWX (910) 861-9117
SUPCO-DAL.

July 26, 1977

Oil and Gas Conservation Commission
State of Utah
Salt Lake City, Utah 84114

Gentlemen:

This is to advise you that Southern Union Production Company has changed its name to Supron Energy Corporation. A Copy of Certificate of Amendment of Certificate of Incorporation is enclosed.

Also attached is a list of State Leases that will be affected by such change.

Yours very truly,



G. Bierke
Lease Records Supervisor

GB:nh
Attachment

STATE OF UTAH

State Leases affected by the name change from Southern Union Production Company to Supron Energy Corporation.

State U-04569

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
SOUTHERN UNION PRODUCTION COMPANY

Pursuant to Section 242 of the General Corporation Law
of the State of Delaware

We, the undersigned, A. M. Wiederkehr, President, and William S. Jameson, Secretary, of Southern Union Production Company (hereinafter referred to as the "Corporation"), a corporation organized and existing under the laws of the State of Delaware do hereby certify as follows:

FIRST. The Board of Directors of the Corporation at a meeting duly convened and held on January 31, 1977, at 9:00 A.M., C.D.T. adopted three separate resolutions with each proposing and declaring advisable a certain amendment of the Corporation's Certificate of Incorporation as heretofore amended, such resolutions being as follows:

I.

"BE IT RESOLVED that the Board of Directors of this corporation hereby proposes and declares it advisable that Article FIRST of this corporation's Certificate of Incorporation, as heretofore amended and now in effect, be amended to change the name of this corporation from Southern Union Production Company to Supron Energy Corporation by amending said article so as to be and read as follows:

'FIRST. The name of the corporation is

SUPRON ENERGY CORPORATION'

and

BE IT FURTHER RESOLVED that the amendment proposed by this resolution shall be considered at the next annual meeting of stockholders of this corporation to be held at 2:30 p.m. on April 12, 1977, in the Dallas Room on the 8th Floor of the First National Bank Building, Dallas, Texas, or any adjournment thereof."

II.

"BE IT RESOLVED that the Board of Directors of this corporation proposes and declares it advisable that ARTICLE TENTH of this corporation's Certificate of Incorporation, as heretofore amended and now in effect, be amended by adding to and including in said Article a new additional paragraph respecting cumulative voting for directors, which such new additional paragraph shall be and read as follows:

'At all elections of directors of this corporation, each holder of stock shall be entitled to as many votes as shall equal the number of votes which (except for this provision as to cumulative voting) he would be entitled to cast for the election of directors with respect to his shares of stock multiplied by the number of directors to be elected by him, and he may cast all of such votes for a single director or may distribute them among the number of directors to be voted for or for any two or more of them as he may see fit.'

and

BE IT FURTHER RESOLVED that the amendment proposed by this resolution shall be considered at the next annual meeting of stockholders of this corporation to be held at 2:30 p.m. on April 12, 1977, in the Dallas Room on the 8th Floor of the First National Bank Building, Dallas, Texas, or any adjournment thereof."

III.

"BE IT RESOLVED that the Board of Directors of this corporation proposes and declares it advisable that ARTICLE TENTH of this corporation's Certificate of Incorporation, as heretofore amended and now in effect, be amended by adding to and including in said article a new additional paragraph respecting election and term of office of directors, which such new additional paragraph shall be and read as follows:

'Directors of the corporation elected at the annual stockholders' meeting in 1978 shall be divided into three classes with the number in each class to be as nearly equal to the number in each other class as is reasonably possible considering the number of directors fixed by the by-laws; and the term of office of the first class shall expire at annual meeting next ensuing, of the second class one year thereafter, and of the third class two years thereafter; and at each annual shareholders' meeting held after such classification and election, directors within the class whose term is expiring, shall be elected for a full term of office expiring at the third annual shareholders' meeting next succeeding his election, as the case may be, to succeed those whose term expired.'

and

BE IT FURTHER RESOLVED that the amendment proposed by this resolution shall be considered at the next annual meeting of shareholders of this corporation to be held at 2:30 p.m. on April 12, 1977, in the Dallas Room on the 8th Floor of the First National Bank Building, Dallas, Texas, or any adjournment thereof."

SECOND. Thereafter on March 11, 1977, written notice of the place, date and hour of the Annual Meeting of Stockholders of the Corporation on April 12, 1977, was mailed to each stockholder of the Corporation entitled to vote at such Annual Meeting at his respective address as it appears on the records of the Corporation, and such notice stated that each of the three amendments of the Certificate of Incorporation

proposed and declared advisable by the Board of Directors would be submitted to the shareholders at such Annual Meeting.

THIRD. Thereafter on April 12, 1977, at 2:30 P.M., C.D.T., the Annual Meeting of the Shareholders of the Corporation was held and convened at Dallas, Texas, at which meeting there was represented, in person and by proxy, the holders of more than a majority of the outstanding shares of the Corporation's stock.

FOURTH. At said meeting of stockholders, each of the three aforesaid amendments proposed and declared advisable by the Board of Directors was presented for consideration and a vote of the stockholders entitled to vote, in person or by proxy, was taken separately upon each of the three amendments by ballots for and against each of such proposed amendments, which voting was conducted by two judges appointed for that purpose at the meeting; and said judges decided upon the qualifications of said voters, accepted their votes, and when the vote was completed separately upon each of the three amendments and counted and ascertained, the judges declared that the persons or bodies corporate holding the majority of the outstanding shares of the Corporation had voted for or against each of the three proposed amendments; and said judges made out certificates accordingly, stating the number of shares outstanding and entitled to vote on each of the three amendments and the number of shares voted for each of the three amendments and against each of the three amendments; and the judges subscribed and delivered their certificates to the Secretary of the Corporation.

FIFTH. Said certificates of the judges have been made, subscribed and delivered as aforesaid and have been examined by the undersigned officers of the Corporation; and it appearing by said certificates of the judges that the persons or bodies corporate holding a majority of the outstanding shares of the stock of the Corporation entitled to vote had voted in favor of each of the three amendments, the foregoing amendments were and now are declared duly adopted.

SIXTH. The capital of the Corporation will not be reduced by reason of any of the aforesaid amendments.

SEVENTH. Accordingly, the three amendments as set forth above to the Certificate of Incorporation of Southern Union Production Company

have been duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said Southern Union Production Company has made under its corporate seal, acting by and through A. M. Wiederkehr, its President, and William S. Jameson, its Secretary, the foregoing certificate; and the said A. M. Wiederkehr and William S. Jameson have hereunto set their hands and caused the seal of said Corporation to be hereunto affixed on this 14th day of April, 1977.

ATTEST:

SOUTHERN UNION PRODUCTION COMPANY

William S. Jameson
Secretary

By A. M. Wiederkehr
President

By William S. Jameson
Secretary

STATE OF TEXAS)
)
COUNTY OF DALLAS)

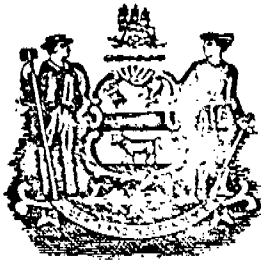
BE IT REMEMBERED, that on this 14th day of April, 1977, personally appeared before me, Joan E. Nieman, a Notary Public in and for the County and State aforesaid, duly commissioned and sworn to take acknowledgment or proof of deeds, A. M. Wiederkehr, President, and William S. Jameson, Secretary, of Southern Union Production Company, a corporation of the State of Delaware, the corporation described in and which executed the foregoing Certificate, known to me personally to be such, and he the said A. M. Wiederkehr, as such President, and he the said William S. Jameson, as such Secretary, duly executed said Certificate before me and acknowledged said Certificate to be their act and deed made on behalf of said Southern Union Production Company, and that the facts stated therein are true.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office the day and year aforesaid.

Joan E. Nieman
Notary Public in and for
Dallas County, Texas

My Commission Expires:
June 1, 1977

NOTARIAL SEAL

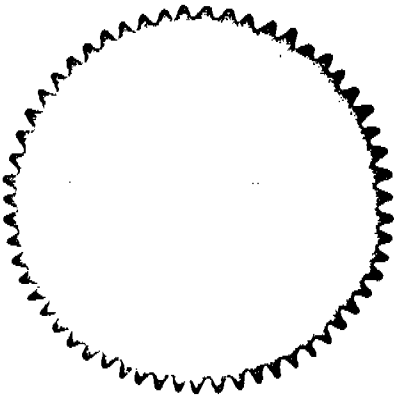


State of DELAWARE

Office of SECRETARY OF STATE

I, Glenn C. Kenton Secretary of State of the State of Delaware,
do hereby certify that the above and foregoing is a true and correct copy of
Certificate of Amendment of the "SOUTHERN UNION PRODUCTION COMPANY", as received and
in this office the eighteenth day of April, A.D. 1977, at 10 o'clock A.M.

In Testimony Whereof, I have hereunto set my hand
and official seal at Dover this thirteenth day
of July in the year of our Lord
one thousand nine hundred and seventy-seven



Glenn C. Kenton

Secretary of State

AB Jelle

Assistant Secretary of State

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLY
(Other instructions
verse side)TB
reForm approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-24184

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Husky-Jug Rock

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 27, T-25S, R-19E

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

5752 Gr.

12. COUNTY OR PARISH
Grand13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Due to problems encountered in drilling as a result of a severely deviated surface hole, we propose to abandon this hole. We propose to plug as follows:

Plug #1: 460-555' w/75 sacks cement

Plug #2: 10 sack plug at surface.

Verbal permission was obtained for such action on October 25, 1977.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____

18. I hereby certify that the foregoing is true and correct

SIGNED

Don R. Collins

TITLE Operations Assistant

DATE 10-18-77

(This space for Federal or State office use)

APPROVED BY

W. J. Luyman

TITLE

DISTRICT ENGINEER

DATE

JAN 26 1978

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

O.P.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPI
(Other instruction
verse side)FE-
re-Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Supron Energy Corporation		8. FARM OR LEASE NAME Husky-Jug Rock	
3. ADDRESS OF OPERATOR 1700 Campbell Centre 8350 North Central Expressway, Dallas, Texas 75206		9. WELL NO. 1-R	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2115' FSL & 2135' FEL		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		12. COUNTY OR PARISH Grand	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5752 GR		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Change drilling location

XX

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This is a replacement location for the Husky-Jug Rock No. 1 well. The drilling and completion program for this well will be as submitted for the original well except that 300' of 13-3/8" surface casing will be set rather than 500'.



18. I hereby certify that the foregoing is true and correct

SIGNED

Don R. Collins

TITLE

Operations Assistant

DATE

10-27-77

(This space for Federal or State office use)

APPROVED BY

E. W. Snyman

TITLE

DISTRICT ENGINEER

DATE

JAN 06 1978

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

op R.

ORAL APPROVAL TO PILE AND ABANDON WELL (Conditioned)

Operator Supra Energy Corp. Representative Les Johns

Weil No. Husky-Jug Rock 1 Located NW 1 SE 1 Sec. 27 Twp 25S Range 19E 228 4m

Lease No. U-24184 Field W/C Grand Co State Utah

Unit Name and Required Depth Jug Rock Base of fresh water sands Now Known or former

T.D. 7729 Size hole and Fill Per Sack 8 3/4" 300 Mud Weight 10.6 #/gal. 1

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>13 3/8</u>	<u>300'</u>	<u>Sur</u>		<u>* 55x @ sur w/req. marker in 9 5/8</u>		
<u>9 5/8</u>	<u>4067</u>	<u>(Calc) 3500</u>	<u>* Husky</u>	<u>4070</u>	<u>3900'</u>	<u>* 60' cut in 9 5/8</u>

Formation	Top	Base	Shows
<u>Navajo?</u>			
<u>Kayenta</u>	<u>Sur?</u>		
<u>Wingate</u>			
<u>Chinle</u>			
<u>Shinarump</u>	<u>880'</u>		
<u>Moenkopi</u>	<u>930'</u>		
<u>Cutler</u>	<u>1430'</u>		
<u>Hermosa</u>	<u>2640'</u>		
<u>Paradox</u>	<u>4020'</u>		
<u>Salt</u>	<u>4129</u>		
<u>Cane Crk (S)</u>	<u>7198</u>		
<u>Miss.</u>	<u>7400'</u>		
<u>TD</u>	<u>7729</u>		

*Note: Csg H'd will remain for annular Seal @ surface - Outlets will be plugged w/ valves or ball plugs - Remove handle from valves - will cover w/ 1-ft cover.
Husky Oil proposes to assume well on farm out - may drill deeper - Supra liability holds until Husky assume - Phys will be required in 9 5/8 & 13 3/8" annular @ 300-240 d at surface - Husky may attempt csg recovery - No final approval until proper disposition by plugging.

<u>4070</u>	<u>-</u>	<u>3900'</u>	<u>170' cut shoe 9 5/8</u>
<u>7350</u>	<u>-</u>	<u>7150'</u>	<u>150' cut plug (Salt sat)</u>

(No Rec DST #1 this interval
Remarks for 1EL)

DST's, lost circulation zones, water zones, etc. DST #1: 7200-57: Rec 520' MCW w/Tr oil Hvy GCM. DST #2: 7565-7601 - Rec 210' GCM Hvy Sulfur odor
DST #3: 7671-7729 Rec 1845' Fl. Top 550' Drg mud 1345' Sulfur wtr - Hvy odor
Most for Prod 300' - 4067' - Muddied up. Note: 1) Pick up all trash, debris & materials removed from site. 2) Fill in ratholes, mouse hole, cellar & other excavations - Pit has 1' max depth fluid - Fold in & recontour - Smooth up soil surface 3) Cover road Reat up any rutting w/ oil mud & seal 4) Revegetate in accord w/ app. pr. plan

Approved by [Signature] Date 12/9/77 Time 9:00

CC: BLM, Moab w/ Cond of Approval & Request
USGS, Vernal
Operator w/ Cond of Approval
Office Floor
LSC Summary
Control

(May 1963)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPL
(Other instructions
verse side)

VE
re

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry Hole		5. LEASE DESIGNATION AND SERIAL NO. U-24184
2. NAME OF OPERATOR Supron Energy Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Campbell Centre 8350 N. Central Expwy, Dallas, TX 75206		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2115' FSL & 2135' FEL		8. FARM OR LEASE NAME Husky-Jug Rock
14. PERMIT NO.		9. WELL NO. 1-R
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5752' Gr.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 27, T-25S, R-19E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This well was plugged and abandoned as follows:

1. Plug #1 7100-7300' w/100 sxs
- Plug #2 3900-4300' w/150 sxs
- Plug #3 2900-3000' w/50 sxs
- Plug #4 300-400' w/50 sxs

Pump 550 sxs down back side of 9 5/8" casing. Top of cement at 25'. Set cement plug at surface.

2. Job complete 12/12/77.

18. I hereby certify that the foregoing is true and correct

SIGNED Dan R. Collier

TITLE Operations Assistant

DATE 1/16/78

(This space for Federal or State office use)

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY: _____

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-24184	
2. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. NAME OF OPERATOR <u>Supron Energy Corporation</u>		7. UNIT AGREEMENT NAME	
8. ADDRESS OF OPERATOR <u>1700 Campbell Centre</u> <u>8350 N. Central Expwy, Dallas, TX 75206</u>		8. FARM OR LEASE NAME <u>Husky-Jug Rock</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>2115' FSL & 2135' FEL</u> At top prod. interval reported below <u>Same as above</u> At total depth <u>Same as above</u>		9. WELL NO. <u>1R</u>	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED <u>10/27/77</u>		16. DATE T.D. REACHED <u>12/8/77</u>	
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RMB, RT, GR, ETC.)* <u>5752 Gr.</u>	
19. ELEV. CASINGHEAD <u>5752'</u>		20. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>	
21. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>Sec 27, T-25 S, R-19E</u>		22. COUNTY OR PARISH <u>Grand</u>	
23. STATE <u>Utah</u>		24. WAS DIRECTIONAL SURVEY MADE <u>No</u>	
25. TYPE ELECTRIC AND OTHER LOGS RUN <u>DLL, Sonic, Dipmeter, GRN</u>		26. WAS WELL CORED <u>No</u>	
27. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8	48#	309'	17 1/2"
9 5/8	36# & 40#	4076'	12 1/2"
28. CEMENTING RECORD			
300 SXS			
150 SXS			
AMOUNT PULLED			
None			
None			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)		PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)			
None			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
WELL STATUS (Producing or shut-in)			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.
GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
TEST WITNESSED BY			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Dan R. Collier</u>		TITLE <u>Operations Assistant</u>	
DATE <u>1/16/78</u>			

*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPL
(Other Instructions
reverse side)FE-
re-Form approved,
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-24184

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Husky-Jug Rock

9. WELL NO.

(1-R)

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA

Sec 27, T-25S, R-19E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Dry Hole

2. NAME OF OPERATOR

Supron Energy Corporation

3. ADDRESS OF OPERATOR 1700 Campbell Centre

8350 N. Central Expwy, Dallas, TX 75206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2115' FSL & 2135' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5752' Gr.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON*

☒

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☒

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT*

☐

(Other) History

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Spud 17½" surface hole 10/27/77. Drilled to 313' RKB. Ran 8 joints of 13 3/8", 48# surface casing. Set @ 309' RKB. Cement to surface w/300 sxs C1 "B" cement.
2. Drilled 12½" hole to 4076'. Ran 98 joints of 9 5/8" 36# & 46# intermediate casing. Set @ 4076' and cemented w/150 sxs C1 "G" cement.
3. Drilled 8 3/4" hole to 7725'.
4. Ran Dual Laterolog, Sonic Log, Dipmeter, and Gamma-ray Neutron Logs.
5. Ran DST #1; 7200-7257'. DST #2; 7565-7601', DST #3 7221-7792.
6. Well determined to be non-productive.
7. Propose to plug & abandon well. As follows:
Hole is loaded with 10.6 lb./gal.
Cement Plug #1 7150'-7300' w/100 sxs
Cement Plug #2 3900'-4300' w/150 sxs
Cement Plug #3 2900'-3000' w/50 sxs
Cement Plug #4 300'-400' w/50 sxs

Note: Csg. Hd. will remain for annular seal @ surface - Outlets will be plugged w/valves or bull plugs - Remove handles from valves - will cover w/1 ft. cover. Husky Oil proposes to assume well on farmout - may drill deeper - Supron liability holds until Husky assumes - Plugs will be required in 9-5/8" x 13-3/8" annulars @ 300-240 & at surface. Husky may attempt csg. recovery - No final approval until proper disposition by plugging. (See Supplemental attachment)

18. I hereby certify that the foregoing is true and correct

SIGNED

Dan R. Collier

TITLE Operations Assistant

DATE 1/16/78

(This space for Federal or State office use)

APPROVED BY

W. Supron

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Confirm Pral
12/9/77

*See Instructions on Reverse Side

O.P.R.

Supplemental to Notice of Intention to Abandon Well No. 1-4
Husky Jug Rock

SRA indicates that a cement plug was set at the surface.
Oral Approval granted 12-9-77 was to leave the casing head
on the well for possible reentry by Husky Oil..

Please revise your SRA to reflect cement plug at the surface and
regulation marker, if installed, and to clarify the plugging at
the surface as described in the Oral Approval to Plug and Abandon
Well. (copy attached.)



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

August 22, 1978

Supron Energy Corporation
Suite 1700
8350 North Central Expressway
Dallas, Texas 75206

Re: ~~X~~ Well No. Husky J.R. Unit #1
Sec. 27, T. 25S, R. 19E
Grand County, Utah
August 1977-July 1978
Well No. Husky J.R. Unit #2
Sec. 9, T. 25S, R. 19E
Grand County, Utah
September 1977-July 1978

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge
Typist

SUPRON ENERGY CORPORATION

BLDG. V, FIFTH FLOOR
10300 NORTH CENTRAL EXPRESSWAY
DALLAS, TEXAS 75231

TELEPHONE (214) 691-9141
TWX: (910) 861-9117
SUPCO-DAL.

August 31, 1978

P

State of Utah
Department of Natural Resources
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Tammy Edge

Re: Husky JugRock #1P
Sec. 27, T. 25S, R. 19E
Grand County, Utah

Dear Ms. Edge:

Pursuant to your letter dated August 22, 1978, I am sending
copies of the various forms filed with the U. S. G. S. for the
subject well.

If further documentation is needed, please advise.

Sincerely,

Dan R. Collier
Dan R. Collier
Operations Assistant

DRC/bh

Enclosures





SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

CLEON B. FEIGHT
Director

October 6, 1978

Supron Energy Corporation
8350 N. Central Expressway
1700 Campbell Centre
Dallas, Texas 75206

Re: Well No. Husky-J.R. Unit #
Sec. 27, T. 25S, R. 19E,
Grand County, Utah
Electric Log REQUEST

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 1-16-78 from above referred to well(s) indicates the following electric logs were run: **DLL**

Sonic, Dipmeter, GRN

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS & MINING

Kathy Ostler
KATHY OSTLER
RECORDS CLERK

SUPRON ENERGY CORPORATION

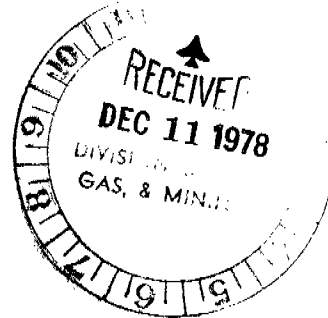
BLDG. V, FIFTH FLOOR
10300 NORTH CENTRAL EXPRESSWAY
DALLAS, TEXAS 75231

TELEPHONE (214) 691-9141
TWX: (910) 861-9117
SUPCO-DAL.

December 5, 1978

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Ms. Kathy Ostler,
Records Clerk



Re: Well No. Husky-J.R. Unit 1
Sec. 27, T25S-R19E
Grand County, Utah
Electric Log Request

Dear Ms. Ostler:

Enclosed herewith please find copies of the Dual Laterolog and Borehole Compensated Sonic Log on the subject well along with copies of Sundry Notices and Reports on Wells.

We apologize for the delay in fulfilling your request dated October 6th which was misplaced. Please note also that we have moved and that the above is our correct address.

Yours very truly,

Roderic L. Perkins

Roderic L. Perkins
Geologist

bh

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☒PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Husky Oil Company

3. ADDRESS OF OPERATOR

600 South Cherry Street, Denver, Colorado 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2135' FEL and 2115' FSL

At proposed prod. zone

1980' FNL and 660' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 15 miles west of Moab

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 2115 FEL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

220' from P&A

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

8100'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5752' GR

22. APPROX. DATE WORK WILL START*

9/15/79

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4	5-1/2	20#, 17#	+8100'	+ 1200 sx

Well was drilled and plugged on 12/12/77 by Supron Energy. Husky plans to MIRURT and drill plugs to base of present 9-5/8" casing that is set at 4076'. At that point, the well will be directionally drilled to an estimated depth of 8100' with an 8-3/4" bit with a salt mud system to above bottom hole location. If the well is productive, casing will be run as above, or plugged and abandoned in accordance with the USGS. See attached BOPE sketch.

NOTE: The location was not rehabilitated by Supron. No additional surface disturbances will be necessary.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Mauro D. SmithTITLE Drilling EngineerDATE 8/30/79

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

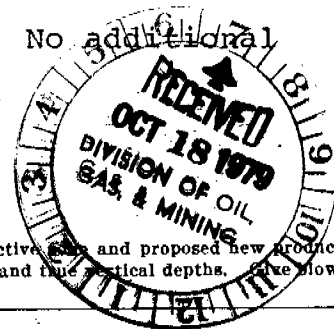
APPROVED BY _____

TITLE _____

DATE _____

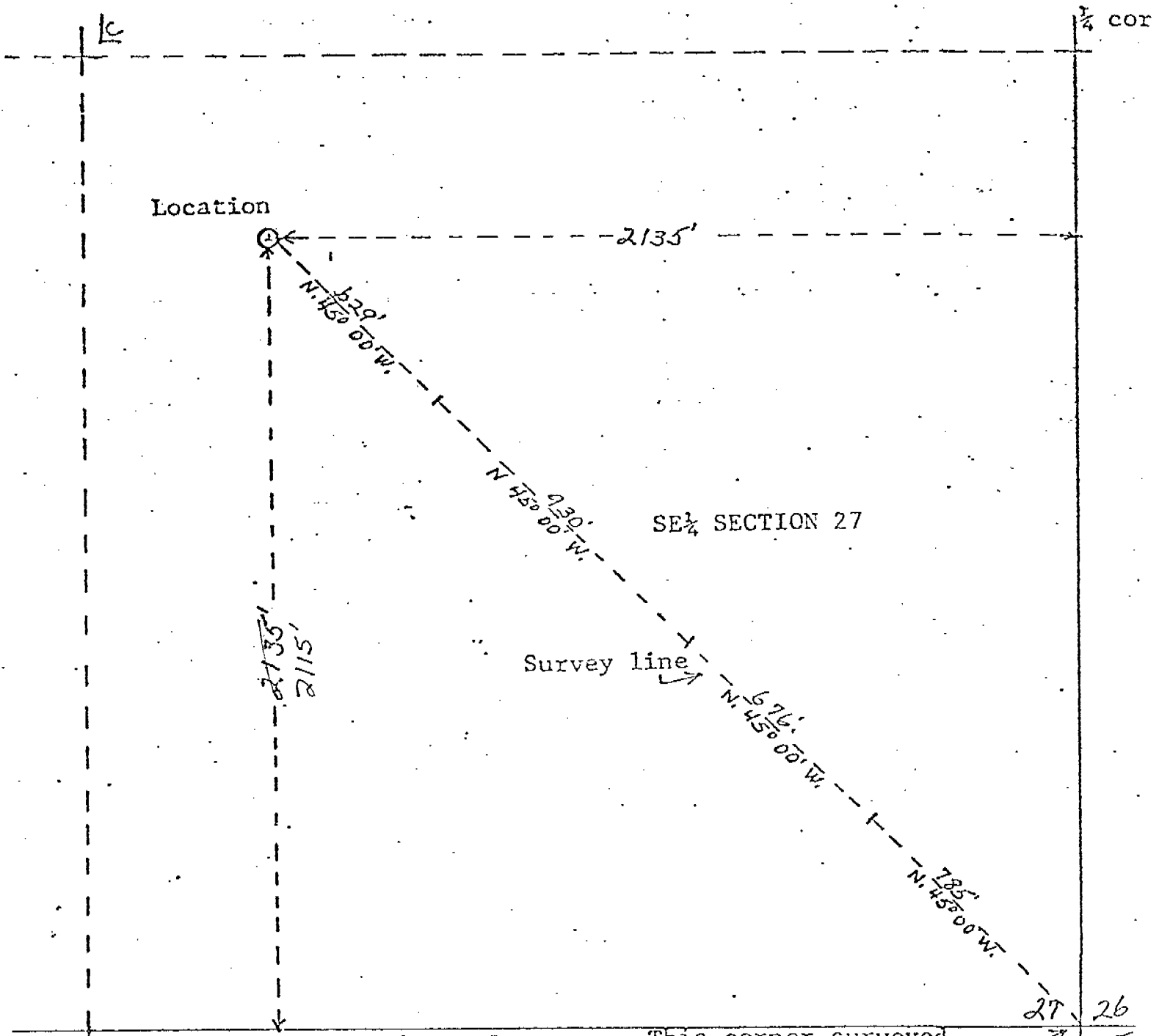
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYNECESSARY FLARING OF GAS DURING
DRILLING AND COMPLETION APPROVED
SUBJECT TO ROYALTY (NTL-4)

SUPRON--HUSKY J.R. UNIT #1
NW. SE. SEC. 27-25S-19E
GRAND COUNTY, UTAH
Elev.: 5752' grd.

NOTE: Supron skidded
location 20' south due
to surface hole problems



Ref. pts. at 200' N & S.
I, W. Don Quigley, do hereby
certify that this plat was plotted
from notes of a field survey made
by me on June 28, 1977.

This corner surveyed
from nw corner of Sec. 36
Scale: 1 in. = 400 ft.
Date: July 7, 1977
Surveyed by: W. Don Quigley

W. Don Quigley
W. Don Quigley

PLAT NO. 1

Oil and Gas Drilling

EA #560-79

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No.: U-24184

Operator: Husky Oil Company

Well No.: 10-27

Location: 2135' FEL & 2115' FSL Sec.: 27 T.: 25S R.: 19E

County: Grand

State: Utah

Field: Wildcat

Status: Surface Ownership: Public

Minerals: Federal

Joint Field Inspection Date: September 18, 1979

Participants and Organizations:

Greg Darlington
Elmer Duncan
Gerald Gentry
Jim Boulden

USGS - Vernal, Utah
BLM - Moab, Utah
Husky Oil Company
Boulden Contracting Company

Related Environmental Analyses and References:

- (1) Unit Resource Analysis, Big Flat Squaw Park Planning Unit (06-04)
BLM, Moab, Utah Analysis Prepared by:

Analysis Prepared by: Greg Darlington
Environmental Scientist
Vernal, Utah

Reviewed by: George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date: September 23, 1979

Noted - G. Diwachak

Proposed Action:

On September 4, 1979, Husky Oil Company filed an Application for Permit to Drill the No. 10-27 exploratory well, an 8100 foot oil and gas test of the Cane Creek and Mississippian Formations, located at an elevation of 5752 ft. in the NW/4 SE/4 Section 27 T25S, R19E on Federal mineral lands and Public surface; lease No.U-24184. There was no objection to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BLM the controlling surface agency. Rehabilitation plans would be decided upon as well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 200 ft. wide x 270 ft. long and reserve a pit 80 ft. x 200 ft. An existing road would be upgraded to 16 ft. wide by .5 miles long from a maintained road. The road would require little if any upgrading, but will require some maintenance. The operator would maintain the road from the drilling site to a regularly maintained road.(Highway 313). The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is October 1 and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 15 miles West Northwest of Moab, Utah, the nearest town. A good road runs to within .5 miles of the location. This well is a wildcat well.

Topography:

The wellsite is in a relatively open flar area with some cedar and pinon on nearby ridges.

Geology:

The surface geology is Navajo Formation.

The soil is a sandy clay with mixed sandstone gravels.

No geologic hazards are known near the drillsite.

Seismic risk for the area is moderate. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey Engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support native grasslands and the salt-desert shrub community. The pinon-juniper association is also present.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

There will be minor upgrading of the access road and some upgrading of the existing unrehabilitated drilling pad involved. The original area of surface disturbance was 2.6 acres. This area of approximately 2.6 acres of land was previously stripped of vegetation. This has increased the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact and are recommended upon completion of drilling operations.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 8" to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Winds are medium and gusty, occurring predominately from West to East. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The drainage is through non-perennial washes to the Colorado River and about eight miles distance from the well site.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks and spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the native grasslands and the salt-desert-shrub types grading to the pinon-juniper association.

The proposed action would involve reentry drilling on an unrehabilitated pad which originally involved the construction related removal of about 2.6 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominately of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigation the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operations may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Grand County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Big Flat Squaw Park Planning Unit(06-04). This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be suitably removed at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

1). Not approving the proposed permit -- the oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2). Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would

not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

3). Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

- a.) The drilling will be done with a salt saturated brine solution. ✓
- b.) Prior to drilling, old cuttings will be pushed to the North side of the existing pit and the North bank rebuilt. Also the existing well pad will be upgraded and leveled as needed.
- c.) Brine wastes will be buried with 4 feet of cover when the site is rehabilitated and other trash taken to the Moab sanitary landfill after the completion of the drilling activities.
- d.) Suitable rehabilitation will be done by fall 1980 of all unused portions of the pad. ✓

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 2.6 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and

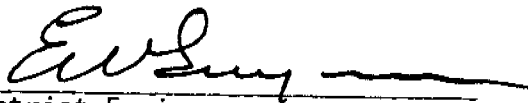
other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to the Colorado River would exist through leaks and spills.

Determination:

This requested action ~~does~~ does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, 102 (2) (C).

Date

10/11/79


District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 11 24184OPERATOR: Husky Oil Co.WELL NO. 10-27LOCATION: NW 1/4 NW 1/4 SE 1/4 sec. 27, T. 25S, R. 19E, SLMGRAND County, Utah

1. Stratigraphy: OPERATOR'S TOPS ARE REASONABLE; in addition,
P.I. CARD FROM SAME 1/4 SECTION SUPPLEMENTS INFORMATION

NAVAJO	SURFACE	HERMESIA	2665'
WINGATE	225'	PARADOX salt	4224'
CHINLE	545'	Cane Creek Mbr.	7474'
MOENKOPI	925'	MISSISSIPPIAN	7874'
CUTLER	1430'		
RICO	2200'		

2. Fresh Water:

Potable water may occur in Navajo and Wingate format, and possibly in the Cutler, if White Rim Mbr. present

3. Leasable Minerals:

Potassium and sodium bearing ~~eat~~ evaporite beds are likely in the Paradox salt, salt based mud to be used through these zones.

Potash has previously been found on same section by Pure Oil Co. and zone is 10 feet thick. Whether or not commercial, is yet unknown.

4. Additional Logs Needed:

Possible high pressures within the Paradox.

Porous sands in Wingate may cause lost circulation.

5. Potential Geologic Hazards:

Suite of logs should be run through Potash and salt section for identification purposes.

6. References and Remarks: * USGS Records indicate Sec. 27-25S-19E IN BIG FLAT KGS.

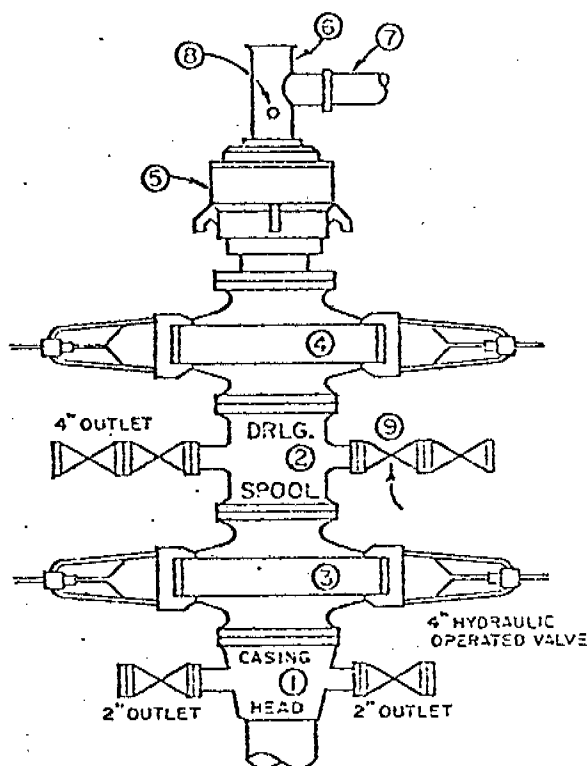
Pure Oil petrol. Inf. card Map I-360, Jug Rock Unit Map, memorandum from Matheny to District Geologist, S.L.C.

Signature: Joseph J. IncandianoDate: 10-2-79

REVERSE

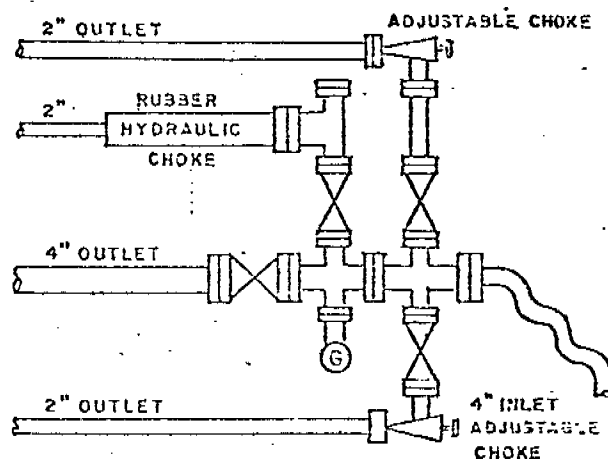
REWORK PREVENTER REQUIREMENTS FOR 3000 LB. SERVICE

MINIMUM BOP FOR 3M



3M OR 5M RSRA

MINIMUM CHOKE MANIFOLD FOR 3M



LEGEND

- (6) PRESSURE GAUGE
- (1) CASING HEAD w/ 2 - 2" OUTLETS
- (2) DRILLING HEAD w/ 2 FLGD OUTLETS
- (3) RAM TYPE BOP w/ PIPE RAMS
- (4) RAM TYPE BOP w/ BLIND RAMS
- (5) HYDRIL BOP (ANNULAR TYPE)
- (6) BELL NIPPLE
- (7) FLOWLINE MINIMUM SIZE 8" L.P.
- (8) 2" FILL UP LINE AT RT. ANGLE TO FLOWLINE (7)
- (9) HYDRAULICALLY OPERATED VALVE

TEST:

AFTER NIPPLING UP ON SURFACE PIPE, BUT BEFORE DRILLING OUT THE CEMENT PLUG, THE B.O.P's SHALL BE TESTED TO THE RATED WORKING PRESSURE.

FREQUENCY:

THE B.O.P's SHALL BE CYCLED CLOSED AND OPEN EVERY TIME A TRIP IS MADE.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Husky Oil Company

WELL NAME: Federal Bartlet Flat #10-27

SECTION 27 NW SE TOWNSHIP 25S RANGE 19E COUNTY Grand

DRILLING CONTRACTOR Parker Drilling

RIG # 56

SPUDDED: DATE 11/19/79

TIME 7:00 p.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Billy Miller

TELEPHONE #

DATE November 20, 1979

SIGNED Original Signed By M. T. Minder

cc: USGS

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Huskey Oil Company

WELL NAME: Federal Bartlett Flat #10-27

SECTION 27 NW SE TOWNSHIP 25S RANGE 19E COUNTY Grand

VERBAL APPROVAL GIVEN TO PLUG THE ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 4131'

CASING PROGRAM:

FORMATION TOPS:

13 3/8" @ 307'

9 5/8" @ 4076'

PLUGS SET AS FOLLOWS:

#1 4076' - 3976' - 100' plug - 60 sx

#2 3000' - 2900' - 100' plug - 40 sx

#3 350' - 250' - 100' plug - 40 sx

plug at surface - 10 sx w/regulation dry hole marker

DATE December 14, 1979

SIGNED _____

cc: USGS

Frank M. Hamner

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number 10-27 Federal Bartlett Flat
Operator Husky Oil Company Address 600 S. Cherry St., Denver, CO 80222
Contractor Parker Drilling Co. Address 621 17th St., Denver, CO 80293
Location NW 1/4 SE 1/4 Sec. 27 T. 25S R. 19E County Grand

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.			
2.			
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops

RECEIVED
DEC 17 1979
DIVISION OF OIL, GAS & MINING

Remarks Drilling difficulties were encountered and we plugged and abandoned at a depth of 4131'. No water sands were encountered.

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

March 13, 1980

Musky Oil co.
600 So. Cherry St.
Denver, Colorado 80222

Re: Well No. Fed. Bartlett Flat 10-27
Sec. 27. T. 25S, R. 19E.
Grand County, Utah

Gentlemen:

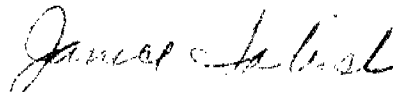
This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


JANICE TABISH
CLERK TYPIST

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Dry Hole</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>U-24184</u>	
2. NAME OF OPERATOR <u>Husky Oil Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR <u>600 South Cherry Street, Denver, CO 80222</u>		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>2135' FEL and 2115' FSL</u>		8. FARM OR LEASE NAME <u>Federal Bartlett Flat</u>	
14. PERMIT NO.		9. WELL NO. <u>10-27</u>	
15. ELEVATIONS (Show whether DV, RT, CR, etc.) <u>5752 GR</u>		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA <u>Sec. 27-25S-19E</u>	
		12. COUNTY OR PARISH <u>Grand</u>	
		13. STATE <u>Utah</u>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The captioned well was plugged and abandoned as follows:

Depth	Length	Amount & Type Cement
4131-3976'	155'	60 sx - Class "G"
3000-2900'	100'	40 sx - Class "G"
350- 250'	100'	40 sx - Class "G"

Intermediate 9-5/8" casing set @4076'

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 5-1-80

BY: M.C. Miner

18. I hereby certify that the foregoing is true and correct

SIGNED Frances Stanzione

TITLE Engineering Aide

DATE March 24, 1980

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

April 10, 1980

Husky Oil Co.
600 So. Cherry St.
Denver, Colorado 80222

Re: Well No. Fed. Bartlett Flat 10-27
Sec. 27, T. 25S, R. 19E.
Grand County, Utah
SECOND NOTICE

Gentlemen:

According to a Plugging Program Notice dated 12-12-79, the above mentioned well would be plugged.


This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



CLEON FEIGHT
DIRECTOR

SUBMIT IN DUPLICATE*

STATE OF UTAH

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____	5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input checked="" type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
Husky Oil Company						8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR						9. WELL NO.	
600 So. Cherry, St., Denver, Colorado 80222						10. FIELD AND POOL, OR WILDCAT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At surface 2135' FEL and 2115' FSL, NW SE						12. COUNTY OR PARISH	
At top prod. interval reported below						13. STATE	
At total depth						Grand Utah	
14. PERMIT NO.		DATE ISSUED		15. DATE SPUDDED		16. DATE T.D. REACHED	
43-019-30379				11-19-79		12-1-79	
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD			
12-14-79		5752' GR		5752			
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
4131'		3996'				Rotary	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
Dry Hole						Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORRED	
None						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13-3/8		309					
9-5/8		4076					
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
See Attached Form OGCC - 1B							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE			DATE		
Frances Skauziane		Engineering Aide			4/23/80		

*(See Instructions and Spaces for Additional Data on Reverse Side)